

## VIDEO SIGNAL MONITORING APPARATUS

### ABSTRACT OF THE DISCLOSURE

An apparatus for monitoring a video signal comprises means for detecting a gamut error in an R component, means 5 for detecting a gamut error in a G component, and means for detecting a gamut error in a B component. The means for detecting a gamut error in the R component includes: means for generating a first condition  $Y > S - a \times Pr$  (where a is a predetermined coefficient) and a second condition  $Y < T - 10 a \times Pr$  from a Pr component of a Y/color difference component signal and an upper limit value S and a lower limit value T of the RGB component signal. The apparatus further comprises means for making a gamut error state 15 visually recognizable with respect to the R component when the first condition or the second condition is satisfied.